

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/098306 A1

(51) International Patent Classification⁷:
B29D 22/00

F17C 1/16,

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/IT2004/000182

(22) International Filing Date: 7 April 2004 (07.04.2004)

(25) Filing Language: Italian

(26) Publication Language: English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): HYDRO

SYSTEM TREATMENT S.R.L. [IT/IT]; Via Circonvallazione, 30F, I-25020 San Gervasio Bresciano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ZINONI, Francesco [IT/IT]; Via IV Novembre, 6, I-25020 San Gervasio Bresciano (IT). BERTOLI, Lorenzo [IT/IT]; Via Santa Maria Crocifissa di Rosa, 1, I-25020 Cignano Di Offlaga (IT).

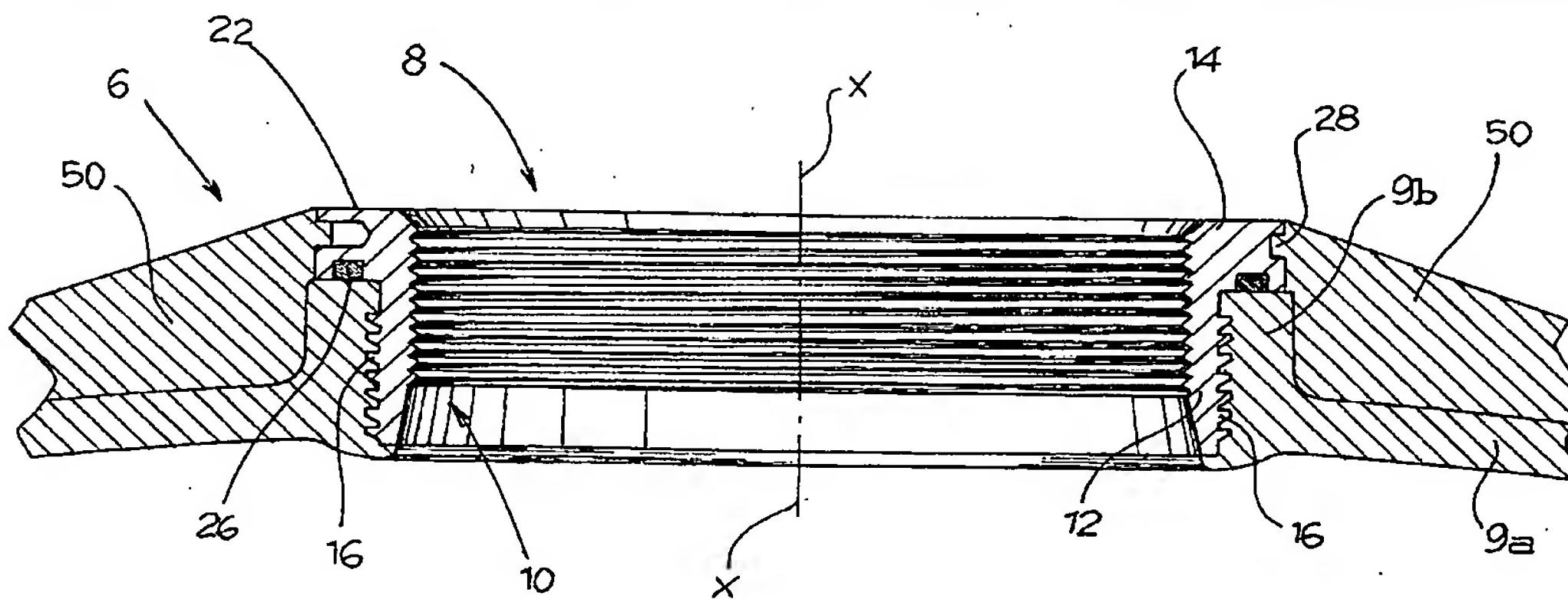
(74) Agents: CRIPPA, Paolo, Ernesto et al.; Jacobacci & Partners S.p.A., Piazzale Arnaldo, 2, I-25121 Milano (IT).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RESERVOIR FOR A WATER TREATMENT DEVICE AND MANUFACTURING METHOD OF SAID RESERVOIR



(57) Abstract: A tank for a water-treatment device, comprising an internal coating , a hollow insert (10), with a collar (14) projecting externally from the coating , and an external covering , which is created by wrapping a bundle of glass fibre buried in a polymeric matrix around the coating. The covering comprises a portion of covering (50), which covers the collar (14), at least partially, reinforcing the connection between the insert (10) and the coating. The tank is made by blowing or using a rotational press and subsequently wrapping the bundle of fibre buried in the matrix to make the covering and the portion of covering (50).

WO 2005/098306 A1